

## SAT Practice Test 8 Diagnostic Sheet

The diagnostic sheet lists the topic of each question in sections 2, 3, and 4 on the practice SAT. The chapters listed in the Writing and Language Test (section 2) correspond with the chapter(s) in the self-paced SAT Writing and Language course that teach the topic. The chapters listed in the Math Tests (sections 3 and 4) correspond with the chapter(s) in the PrepPros Complete Guide to SAT Math Book (the math book we wrote) that students should complete to learn the topic.

### Writing and Language (Section 2)

| Question | Question Type                  | Chapter |
|----------|--------------------------------|---------|
| 1        | Transitions                    | 12      |
| 2        | Which Choice                   | 14      |
| 3        | Parallel Structure             | 7       |
| 4        | Punctuation                    | 2, 3    |
| 5        | Which Choice                   | 14      |
| 6        | Which Choice                   | 14      |
| 7        | Word Choice                    | 11      |
| 8        | Subject-Verb Agreement         | 4       |
| 9        | Word Choice                    | 11      |
| 10       | Which Choice                   | 14      |
| 11       | Word Choice/Parallel Structure | 11, 7   |
| 12       | "Most Effectively Combines"    | 13      |
| 13       | Punctuation                    | 2, 3    |
| 14       | Which Choice                   | 14      |
| 15       | Which Choice                   | 14      |
| 16       | Punctuation                    | 2, 3    |
| 17       | Parallel Comparison            | 2, 3    |
| 18       | Which Choice                   | 14      |
| 19       | Logical Placement              | 16      |
| 20       | Pronouns                       | 5       |
| 21       | Misplaced Modifiers            | 6       |
| 22       | Wordiness/Redundancy           | 10      |
| 23       | Which Choice                   | 14      |
| 24       | Punctuation                    | 2, 3    |
| 25       | Adding/Deleting Information    | 15      |
| 26       | Prepositional Idiom            | 8       |
| 27       | Parallel Structure             | 7       |
| 28       | Logical Placement              | 16      |
| 29       | "Most Effectively Combines"    | 13      |
| 30       | Sentence Structure             | 1       |
| 31       | Transitions                    | 12      |
| 32       | Parallel Structure             | 7       |
| 33       | Which Choice                   | 14      |
| 34       | Transitions                    | 12      |
| 35       | Wordiness/Redundancy           | 10      |

|    |                             |      |
|----|-----------------------------|------|
| 36 | Which Choice                | 14   |
| 37 | Subject-Verb Agreement      | 4    |
| 38 | Wordiness/Redundancy        | 10   |
| 39 | Which Choice                | 14   |
| 40 | Punctuation                 | 2, 3 |
| 41 | Adding/Deleting Information | 15   |
| 42 | Verb Tense                  | 4    |
| 43 | Which Choice                | 14   |
| 44 | Punctuation                 | 2, 3 |

### Math – No Calculator (Section 3)

| Question | Question Type         | Chapter |
|----------|-----------------------|---------|
| 1        | Algebra Skills        | 4       |
| 2        | Lines                 | 20      |
| 3        | “In Terms of”         | 7       |
| 4        | Angles                | 17      |
| 5        | Shapes                | 18      |
| 6        | Inequalities          | 8       |
| 7        | Extraneous Solutions  | 6       |
| 8        | Functions             | 15      |
| 9        | Circles               | 27      |
| 10       | Systems of Equations  | 12      |
| 11       | Quadratics            | 11      |
| 12       | Algebra Skills        | 4       |
| 13       | Interpreting Lines    | 21      |
| 14       | Systems of Equations  | 12      |
| 15       | Functions             | 15      |
| 16       | Quadratics            | 11      |
| 17       | Solving for Constants | 14      |
| 18       | Systems of Equations  | 12      |
| 19       | Interpreting Lines    | 21      |
| 20       | Arcs and Sectors      | 19      |

### Math – Calculator (Section 4)

| Question | Question Type        | Chapter |
|----------|----------------------|---------|
| 1        | Interpreting Lines   | 21      |
| 2        | Reading Charts       | N/A     |
| 3        | Ratios               | 32      |
| 4        | Scatter Plots        | 23      |
| 5        | Angles               | 17      |
| 6        | Systems of Equations | 12      |
| 7        | Lines                | 20      |
| 8        | Algebra Skills       | 4       |
| 9        | Shapes               | 18      |
| 10       | Shapes               | 18      |

|           |                      |    |
|-----------|----------------------|----|
| <b>11</b> | Shapes               | 18 |
| <b>12</b> | Inequalities         | 8  |
| <b>13</b> | Exponents            | 10 |
| <b>14</b> | Quadratics           | 21 |
| <b>15</b> | Word Problems        | 30 |
| <b>16</b> | Probability          | 25 |
| <b>17</b> | Mean                 | 16 |
| <b>18</b> | Scatter Plots        | 23 |
| <b>19</b> | Quadratics           | 11 |
| <b>20</b> | Inequalities         | 8  |
| <b>21</b> | Interpreting Lines   | 21 |
| <b>22</b> | Percentages          | 9  |
| <b>23</b> | Exponential Growth   | 22 |
| <b>24</b> | Statistical Analysis | 24 |
| <b>25</b> | Lines                | 20 |
| <b>26</b> | Statistical Analysis | 24 |
| <b>27</b> | Systems of Equations | 12 |
| <b>28</b> | Statistical Analysis | 24 |
| <b>29</b> | Lines                | 20 |
| <b>30</b> | Functions            | 15 |
| <b>31</b> | Ratios               | 32 |
| <b>32</b> | Algebra Skills       | 4  |
| <b>33</b> | Lines                | 20 |
| <b>34</b> | Unit Conversion      | 29 |
| <b>35</b> | Functions            | 15 |
| <b>36</b> | Trigonometry         | 26 |
| <b>37</b> | Word Problems        | 30 |
| <b>38</b> | Exponential Growth   | 22 |